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**(S//NF) SUBJ: REISSUE/ADDENDUM: TERRORISM: COURSE CONTENT ON  
POISON, CHEMICALS, AND EXPLOSIVES TRAINING**

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(S//NF) 3. [REDACTED] THE COURSE WAS DIVIDED INTO FIVE GENERAL SECTIONS: 1) AN INTRODUCTION; 2) THE SCIENCE OF TOXINS AND POISONS; 3) BASIC TOXIN AND POISON PREPARATION; 4) BASIC CHEMISTRY; AND 5) EXPLOSIVES AND IMPROVISED EXPLOSIVES PREPARATION. THE INTRODUCTORY SECTION SERVED AS INDOCTRINATION, CITING RELIGION AND ISLAM AS JUSTIFYING THE APPLICATION OF THE TRAINING EMPHASIZED DURING THE COURSE. PRAISE FOR 1993 WORLD TRADE CENTER BOMBER RAMZI ((YOUSEF)) WAS INCLUDED IN THIS AND SUBSEQUENT SECTIONS OF THE BOOK. DETAILS OF THE REMAINING SECTIONS FOLLOW.

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(S//NF) 4. THE SCIENCE OF TOXINS AND POISONS: THIS SECTION PROVIDED AN INTRODUCTION TO THE ORIGINS OF POISONS AND DISCUSSED GENERAL METHODS THAT CAN BE USED TO INTRODUCE THEM TO A "LIVING THING." IT PROVIDED DEFINITIONS FOR THE TERM "POISON" AND "POISONING" AND DESCRIBED FAST ACTING VERSUS SLOW ACTING POISONS. DURING THIS SECTION THE TERM "LD 50" WAS SPECIFICALLY USED IN THE CONTEXT OF DESCRIBING A "KILLING DOSE." THE COURSE MATERIAL THEN TRANSITIONED TO THE DEFINITION OF ANTIDOTE AND PROVIDED A DESCRIPTION OF VARIOUS TYPES OF GENERIC ANTIDOTES FOR POISONING.

(S//NF) 5. THE SCIENCE OF TOXINS AND POISONS (CON'T): THE TRAINING MANUAL THEN WENT ON TO DESCRIBE GENERAL CATEGORIES OF POISONS. TWO MAIN CATEGORIES OF POISONS WERE MENTIONED: 1) NATURALLY OCCURRING POISONS, AND 2) CHEMICAL POISONS. CHEMICAL POISONS WERE FURTHER BROKEN DOWN INTO THE FOLLOWING THREE CATEGORIES: 1) "NORMAL" CHEMICAL POISONS, WHICH CAN BE EASILY OBTAINED FROM A DRUGSTORE OR PHARMACY, 2) GASEOUS POISONS, WHICH ARE NORMALLY PRODUCED FROM A REACTION OF AN ACID AND SOLID MATERIAL, AND 3) LABORATORY CHEMICALS, WHICH ARE MORE DIFFICULT TO OBTAIN THAN "NORMAL" CHEMICALS. THE TEXT THEN TRANSITIONED TO A DETAILED DESCRIPTION OF HUMAN PHYSIOLOGY, INCLUDING THE FUNCTIONING OF VARIOUS HUMAN ORGANS AND SYSTEMS. IT STATED THAT MANY POISONS ARE CLASSIFIED BY THE PART OF THE BODY THAT THEY EFFECT. DETAILED BIOLOGICAL DESCRIPTIONS WERE PROVIDED OF THE FOLLOWING HUMAN ORGANS/SYSTEMS:

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(S//NF) SKIN RESPIRATORY SYSTEM DIGESTIVE SYSTEM NERVOUS SYSTEM LIVER KIDNEY EYES BLOOD

(S//NF) [ ] COMMENT: OF SPECIAL INTEREST, IN THE ABOVE SECTION ON THE RESPIRATORY SYSTEM, WAS A DESCRIPTION OF THE FIRST USE OF HYDROGEN CYANIDE GAS DURING THE FIRST WORLD WAR IN WHICH, THE AUTHOR SEEMS TO EMPHATICALLY NOTE, 5,000 SOLDIERS WERE KILLED. THE AUTHOR ALSO MAKES THE RATHER UNUSUAL POINT, WHEN DISCUSSING BLOOD TRANSMITTED POISONS, THAT ACCORDING TO THE PROPHET THE BLOODS RUNS FASTEST DURING THE 17TH, 19TH, AND 21ST DAY OF THE MONTH.)

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(S//NF) 6. TOXINS AND POISONS: THIS SECTION WAS BROKEN DOWN INTO FIVE CATEGORIES: A) NATURAL POISONS, B) CHEMICAL POISONS, C) POISON GASES, D) CHEMICALS FOR RENDERING A PERSON UNCONSCIOUS, E) MAKING A POISON LETTER USING CYANIDE. FOR EACH POISON/CHEMICAL THE AUTHOR PROVIDED COMMENTS ON SOURCES, LEGAL USES, SYMPTOMS OF THE POISON, AND A DETAILED DESCRIPTION OF HOW TO MAKE THE TOXIN OR POISON.

(S//NF) A. NATURAL POISONS:

(S//NF) BOTULINUM TOXIN RICIN NICOTENE SOLANEEN (SOLANINE, SOLANENE) [ ] COMMENT: DESCRIBED AS A POISON DERIVED FROM POTATOES) MUSHROOMS [ ] COMMENT: THE AUTHOR PROVIDED FAIRLY DETAILED DRAWINGS OF VARIOUS TYPES OF POISONOUS MUSHROOMS.)

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(S//NF) B. CHEMICAL POISONS:

(S//NF) CYANIDE SODIUM AZIDE (NaN3) MERCURY NITRATE ANALINE (C6H5NH2) SODIUM NITRATE (NaNO2) ARSENIC TRIOXIDE (AsO3) ETHYLENE GLYCOL CARBON TETRACHLORIDE (CCL4) BENZENE HEXACHLORIDE (C6H6CL6) DDT PARATHION TEPP THALLIUM SULFATE

(S//NF) C. POISON GAS:

(S//NF) CHLORINE HYDROGEN CYANIDE CYANOGEN CHLORIDE (CNCL) PHOSPHINE AKA PHOSPHENE (PH3) CNCLPH3 [ ] COMMENT: UNKNOWN CHEMICAL NAME, AUTHOR OF THIS MANUAL DESCRIBED THIS CHEMICAL AS THE MOST DANGEROUS GAS EVER KNOWN - IT PRODUCES A "FAST DEATH".) HYDROGEN SULFIDE (H2S) SODIUM SULFIDE (Na2S) ARSINE (ASH3) PHOSGENE (COCL2) CARBON MONOXIDE MUSTARD GAS - H CLOROACETONE (CH2CLCOCH2) AKA CHLOROACETONE "HOMEBREW NERVE GAS"

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(S//NF) D. CHEMICALS FOR RENDERING A PERSON UNCONSCIOUS:

(S//NF) VIA THE RESPIRATORY SYSTEM- ETHER (C2H5OC2H5) CHLOROFORM C3H4F2CL2O C3H2F5CLO C3HF6CLO CF3CHBRCL

(S//NF) VIA THE BLOOD- ALTHESIN KETAMIN HCL METHOHEXITONE

(S//NF) E. MAKING A POISON LETTER. THIS BRIEF SECTION DESCRIBED HOW TO MAKE A POISONED LETTER USING CYANIDE AND "DMSO" [ ] COMMENT: ASSUME THAT DMSO REFERS TO DIAMETHYL SULFOXIDE, WHICH IS A COMMON CHEMICAL SOLVENT).

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(S//NF) 7. BASIC CHEMISTRY: THIS SECTION PROVIDED BASIC CONCEPTS IN CHEMISTRY.

(S//NF) 8. EXPLOSIVES AND IMPROVISED EXPLOSIVES: THIS SECTION BEGAN WITH A BASIC OVERVIEW OF EXPLOSIVES AND EXPLOSIONS, AND

(S//NF) INTIATING EXPLOSIVES

(S//NF) ACETONE PEROXIDE

(S//NF) LEAD NITRATE MERCURY FULMINATE TRIODIDE NITRATE?????

(S//NF) BOOSTER EXPLOSIVES

(S//NF) NITROGLYCERIN NITROGLYCOL PICRIC ACID TETRYL RDX

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(S//NF) "BASIC EXPLOSIVE" MIXTURES

(S//NF) AMMONIUM NITRATE UREA NITRATE LEAD NITRATE SODIUM NITRATE BARIUM NITRATE POTASSIUM NITRATE AMMONIUM NITRATE/ALUMINUM POWDER/HYDROGEN PEROXIDE AMMONIUM NITRATE/ALUMINUM POWDER POTASSIUM CHLORATE SODIUM CHLORATE ASTROLITE DYNAMITE TNT POTASSIUM PERMANGANATE/SUGAR OR ALUMINUM POWDER SUGAR AND SULFAR BLACK POWDER CARBON TETRACHLORIDE/ALUMINUM POWDER

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